

WHAT IS CLAIMED IS:

1. A recording apparatus comprising:

reproducing means for reproducing management
information pertaining to a recording address of an
5 image signal from a disk-like recording medium having a
first area for the image signal and a second area for
the management information;

control means for detecting the state of the
reproduced management information by using the
10 management information and, on the basis of the
detection result, controlling said reproducing means to
reproduce management data from the first area of the
disk-like recording medium;

modifying means for modifying the management
15 information reproduced from the second area, on the
basis of the management data reproduced from the first
area; and

recording means for recording an image signal in
the first area of the disk-like recording medium and
20 recording the management information modified by said
modifying means in the second area.

2. An apparatus according to claim 1, wherein
said modifying means updates contents of the management
25 information in accordance with a recording operation of
the image signal by said recording means, and the
management information contains update information

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indicating an update state of the contents.

3. An apparatus according to claim 2, wherein
said control means detects the state of the management
5 information in accordance with the update information.

4. An apparatus according to claim 2, wherein the
update information is 1-bit digital information, and
said control means so controls said reproducing means
10 as to reproduce the management data when the update
information indicates a predetermined code.

5. An apparatus according to claim 1, wherein
said control means so controls said reproducing means
15 as to retrieve the management data recorded in the
first area in accordance with the management
information reproduced from the second area.

6. An apparatus for recording an image signal and
20 management information pertaining to the image signal
on a disk-like recording medium having a first area for
the image signal and a second area for the management
information, comprising:

recording means for recording the image signal and
25 the management information on said disk-like recording
medium;

storage means for storing the management

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information;

updating means for updating contents of the management information stored in said storage means in accordance with a recording operation of the image
5 signal of said recording means, the management information containing update information indicating an update state of the management information; and

control means for controlling said recording means so as to record the management information containing
10 the update information indicating a predetermined code in the second area before recording of the image signal is started, and record the management information which contains update information indicating another code and whose contents are updated by said updating means, in
15 the second area after the recording of the image signal is completed.

7. An apparatus according to claim 6, wherein the predetermined code indicates "not updated", and said
20 other code indicates "updated".

8. An apparatus according to claim 6, wherein said control means so controls said recording means as to record the management information containing the
25 update information indicating the predetermined code in the second area in accordance with designation of a start of recording by an operation switch, and record

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the management information which contains update
information indicating said other code and whose
contents are updated by said updating means, in the
second area in accordance with designation of a stop of
5 recording by the operation switch.

9. An apparatus according to claim 6, further
comprising:

power supply means; and
10 detecting means for detecting electric power from
said power supply means to output a detection signal
indicating power reduction, and
wherein said control means so controls said
recording means as to record management data concerning
15 an image signal recorded on said disk-like recording
medium in the first area in accordance with the
detection signal from said detecting means during
recording of the image signal.

20 10. An apparatus according to claim 9, wherein
said control means checks whether the update
information contained in management information
reproduced from the second area is the predetermined
code and, if the update information is the
25 predetermined code, so controls said updating means as
to modify the management information on the basis of
the management data reproduced from the first area.

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11. An image pickup apparatus for encoding an image signal obtained by image pickup means and recording the encoded image signal and management information pertaining to the image signal on a disk-like recording medium having a first area for the image signal and a second area for the management information,

wherein when a decrease in electric power from power supply means is detected, management data concerning an image signal recorded on said disk-like recording medium is recorded in the first area.

12. An apparatus for recording an information signal and management information pertaining to a recording address of the information signal in a disk-like recording medium having a first area for the information signal and a second area for the management information, comprising:

storage means for storing the management information;

updating means for updating contents of the management information stored in said storage means in accordance with a recording operation of the information signal;

encoding means for encoding an input information signal;

recording means for recording the information

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signal encoded by said encoding means and the updated management information on the disk-like recording medium;

state detecting means for detecting the state of the input information signal; and

control means for controlling said updating means to update contents of the management information in accordance with an output from said state detecting means, and controlling said recording means to record the updated management information in the second area of the disk-like recording medium.

13. An apparatus according to claim 12, wherein the information signal contains a motion image signal having a plurality of frames, and said state detecting means detects a degree of change between images of said plurality of frames.

14. An apparatus according to claim 13, wherein said control means outputs a timing signal when the change amount between the images of said plurality of frames exceeds a predetermined value, and controls said updating means and said recording means in accordance with the timing signal.

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15. An apparatus according to claim 14, wherein said recording means intermittently records the motion

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22. An apparatus for recording an image signal and management information pertaining to a recording

address of the image signal on a disk-like recording medium having a first area for the image signal and a second area for the management information, comprising:

storage means for storing the management information;

recording means for recording a motion image signal and a still image signal in the first area of the disk-like recording medium and recording the management information in the second area; and

control means for controlling said recording means to record the management information in the second area of the disk-like recording medium in accordance with designation of still image recording which is provided during recording of a motion image signal.

23. An apparatus according to claim 22, wherein said control means records the management information in the second area of the disk-like recording medium in accordance with designation of stop of recording of a motion image signal.

24. An apparatus according to claim 22, further comprising updating means for updating contents of management information stored in said storage means in accordance with a recording operation of the image signal to said disk-like recording medium, and

wherein said control means so controls said

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updating means as to update contents of the management
information in accordance with designation of still
image recording which is provided during recording of
the motion image signal, and said recording means
5 records the updated management information in the
second area.

25. An apparatus according to claim 24, wherein
said control means so controls said updating means as
10 to update contents of the management information in
accordance with designation of a stop of recording of a
motion image signal.

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